

WALLPOD:EV

HOMESMART EV

Type 2, Mode 3 Charging Socket
3.6kW or 7.2kW

ROLEC
EV Charging

MANUFACTURED IN THE UK



In partnership with



Unit shown: WALLPOD:EV
HOMESMART EV
Type 2, Mode 3 Charging Socket

The WallPod:EV HOMESMART is a smart charging unit which has been designed to provide the user with a simple, mobile phone interactive EV charging solution for the home.

The EV driver can control the charging activity using their mobile phone, as well as allowing them to monitor/record all their charging activity, data and history.

This charging unit is available with a Type 2, Mode 3 charging socket offering either 3.6kW (16A) or 7.2kW (32A) charging speeds, and is equipped with built-in TruePEN PME fault detection.

PRODUCT FEATURES

- Smart charging (see smart features)
- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging socket
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Supplied with external overload & fault current protection (Type A RCBO)
- **Built-in TruePEN PME fault detection, no earth electrode/rod required**
- Built-in DC sensitive protective device
- Built-in LED charging status indicator
- Built-in Class 1 MID compliant kWh meter
- Built-in Modem and roaming sim
- Built-in GPRS communication antenna
- OZEV Grant Fundable under the Electric Vehicle Homecharge Scheme
- IP Rated and UV Stabilised
- Corrosion resistant, fire retardant & IK10 impact resistant design

SMART FEATURES

- Live Charging Activity**
 - Charging status
 - Stop / start charging
 - Smart & boost charging
 - Charging notifications
- Charging History**
 - Total energy used
 - Historical data
 - CO₂ savings
- Advanced Settings**
 - Tariff optimisation
 - Green charging
 - Grid services
 - Fleet management



See the HOMESMART EV Overview for details



Grant
Fundable



GPRS
Connectivity



Mobile App Controlled
SMART Charging



Colour Options
Available



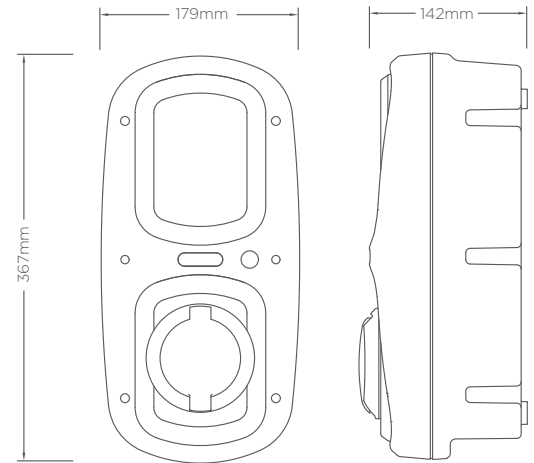
No Earth Rod
Required



IP Rated &
UV Stabilised

SPECIFICATIONS

Product Code	EVHS2010-PEN	EVHS2020-PEN
Charging Socket	Type 2 (IEC 62196) 	
AC Charging Output	3.6kW (16A)	7.2kW (32A)
Charge Protocol	Mode 3	
Overload & Fault Current Protection	External 20A, 30mA Type A RCBO & Built-in 6mA DC Sensitive Device	External 40A, 30mA Type A RCBO & Built-in 6mA DC Sensitive Device
Earthing	Built-in TruePEN PME Fault Detection	
Input Supply	16A 230V AC/50Hz (Single Phase)	32A 230V AC/50Hz (Single Phase)
Cable Terminals	3x 16mm	
Communications	GPRS (Recommended signal strength of 14 CSQ or above)	
Standby Consumption	Approx 0.05kWh per day	
<div>UK CA CE</div>	EV Charging Compliance - EN 61851-1:2019, EN 61851-22:2002	
	Wiring Regulations - BS 7671:2018	
	EMC Compliance - EN 61000-6-3:2007+A1:2011, EN 61000-6-2:2005	
	Safety Compliance (LVD) - EN 62368-1:2014, 2014/35/EU (The Electrical Equipment [Safety] Regulations 2016)	
	Communications - 2014/53/EU (Radio Equipment Regulations 2017)	
	Environmental Protection - Enclosure IP65, Socket IP54 (BS EN 60529:1992+A2:2013), Enclosure IK10 (EN 60068-2-75:2014)	
	RCBO - IEC 61009-1:2010+A1+A2+A11+A12, IEC 61009-2-2:1991	
	Contactor - IEC 60947-4-1:2018, IEC 61095:2009	
	Metering - 2014/32/EU	
	RoHS - 2011/65/EU (The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012)	
	REACH - 1907/2006 (UK REACH)	
Dimensions	179mm x 367mm x 142mm (W x H x D)	
Unit Material	Polycarbonate (303 EP-22)	
Operating Temperature	-30°C to +50°C	
Standard Base Colour	Black (Other colours available upon request)	
Standard Pod Colour	Green (Other colours available upon request)	



TruePEN Safer by design

- Automatically monitors the supply voltage on both 230V & 240V supplies without the need for any manual dipswitch settings.
- Within 5 seconds in the event of an under-voltage of less than 207V or an over-voltage of more than 253V Live, Neutral & Earth will be isolated.
- Following an under-voltage isolation, TruePEN will automatically reset when normal operating range is restored.
- Following an over-voltage isolation, on the grounds of safety, TruePEN will require a manual reset.

See the TruePEN Overview for details

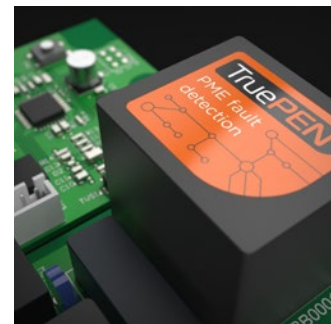
HOMESMART EV

- Built-in modem and GPRS signal antenna
- Built-in roaming Sim card connects directly to the strongest signal
- ev.energy Back Office management
- Smart charging control via the ev.energy smartphone app



OPTIONS & ACCESSORIES

- Corporate branding (colours, logo badge, etc)
- EV charging cables (Type 1 to Type 2 or Type 2 to Type 2)
- High gain, remote or unit mounted GPRS signal antenna



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